THE RURAL DISTRICT OF KERRIER

ANNUAL REPORT
of the
Medical Officer of Health
1971

ANNUAL REPORT OF THE MEDICAL OFFICER OF HEALTH

FOR THE YEAR

1971

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Public Health Department,
The Willows,
HELSTON.

December, 1972

PREFACE

To the Chairman and Members of the Kerrier Rural District Council.

I have pleasure in presenting the 37th Annual Report of the Medical Officer of Health for the year 1971 in accordance with regulations 5(3) and 15(3) of the Public Health Officers (Outside London) Regulations 1959.

The apparent rise in population in the year was 620, the largest since 1950, thus Kerrier has shared in the marked rise in population in the County of 15,530 which is five times the average for the latter years in the 1960's. This sudden jump in population can be explained by the difference in estimated population and that enumerated in a censal year and the increase in newcomers to the District. Coupled with this rise in population there has been a fall in the Birth Rate, and Infant and Perinatal Mortality; an increase in the illegitimate and death rates; and no changes in the stillbirth rate. This rise in illegitimate rate from 7% of livebirths last year to 9% took place in spite of the fact that the total live and stillbirths declined from 281 last year to 275 this year.

During the year 294 residents of Kerrier died of whom 167 were males and 127 females. The principal causes of death were Heart Disease and Cancer. 45% of all deaths were due to Heart Disease and 17% and 16% respectively to Cancer and Cardiovascular Disease of the Central Nervous System. The cancer death rate was 2.2% per 1000 population, slightly higher than last year. The percentage of total cancer deaths due to disease in the lungs remain at 15% but more men died of lung cancer than women. The comparison of vital statistics in Kerrier, with those of England and Wales show that the Rural District had lower birth, stillbirth and infant mortality rates, but a slightly higher death rate.

Mr. Colley's report in the sections on Housing, Environmental and Food Hygiene underlines the continuing up-grading of housing accommodation and food premises; routine checks on water supplies and rodent population; rectifying of Public Health Nuisances; progress with the Village Sewer Schemes in Mawnan Smith and Budock and the increase in meat inspection commitments. The Housing Act 1969 marked a desire of Central Government to make grants for house improvements as freely available as possible. This policy should result in more houses being saved from demolition and is in line with the policy which the Rural District has adopted for many years. Indeed since 1955 when grants were made available only 166 houses have been physically demolished and 1,034 have been converted into satisfactory homes by means of grants. Since 1969, 14 houses have been demolished and 159 have been, or are in the process of being improved.

The Hayle Valley Sewer Feasibility Study originated in 1969 between Kerrier and West Penwith Rural Districts. It investigated the possibility of providing a trunk sewage scheme to villages along the river from Praze to Hayle where a treatment works would discharge a satisfactory effluent into the Hayle Estuary. The villages of Praze, Crowan, Leedstown, Townsend, Godolphin Cross, Carleen, Nancegollan and Sithney in Kerrier Rural District would obtain the benefit of a sewage scheme. This important sewage development made progress in 1971 and anticipated Local Government Reorganisation, but at the end of the year a further rationalisation of sewage and water services was heralded by the concept of all purpose Regional Water Authorities.

Few infectious diseases were notifed to the Medical Officer of Health this year, but a disturbing feature was the doubling of the cases of Pulmonary Tuberculosis from 3 in 1970 to 7 this year. The mean annual notification rate for the previous 10 years was 4.5. These facts serve to emphasise that a pool of tuberculosis infection still remains in the community. The following table shows that there has been a steady fall, apart from 1964, in cases notified until 1968.

TUBERCULOSIS NOTIFICATIONS AND REGISTER

Year	Pulmonary	Non-Pulmonary	Cases on Register	
			Pul.	Non-Pul.
1971	7	Nil	67	27
1970	3	Nil	64	21
1969	2	3	60	22
1968	2	1	68	19
1967	1	2	77	20
1966	4	1	76	18
1965	5	3	78	18
1964	11	2	97	20
1963	6	1	95	21
1962	4	Nil	96	20
1961	7	2	102	20
1960	10	1	106	19

Attendance of pre-school children at Child Health Clinics increased by 424 this year and with the attachment of nursing staff to General Practitioners surgeries, and the fall of home deliveries, ante-natal visits have dropped, but post natals have increased. There has been a slight increase in the number of children protected by measles vaccine. Throughout the year 109 children were protected and if the number of births in 1969 is taken as approximately the number of children needing protection in 1971, this gives a take-up rate of only 40%. Clearly, nearer 85% of children must be protected by immunisation before this disease can be eliminated from the community.

I wish to express my thanks for the support of the Chairman of the Committee, Members of the Committee, Officers of the Council and for the work of the staff of the Public Health Department and the Area Health Office.

I am,

Ladies and Gentlemen,

Your Obedient Servant,

J.A.W. REID

Medical Officer of Health.

Area Health Office,
Rectory Road,
CAMBORNE.

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SECTION A

1. (a) Physical and Social Statistics

Area of the Rural District	(Census)	90,839 acres
Density Houses per acre	(Census 1951)	0.07
	(Census 1961)	0.08
	Estimate 1971	0.09
Persons per acre	(Census 1951)	0.24
	(Census 1961)	0.20
	Estimate 1971	0.26
Number of families sharing a dwelling, Census 1961		8

Population

Mid year estimate	1934	17,909
Mid year estimate	1951	21,760
Census population	1951	21,819
Mid year estimate	1961	21,900
Census population	1961	21,503
Last Years estimate		22,970
Mid year estimate (preliminary Census)	1971	23,590
Censal Increase	1961-1971	2,087

Dwellings

(a) Houses

Total inhabited	8,757
Total Council	971
New Private Dwellings	162
New Council Dwellings	36

(b) Caravans

Residential	233
Seasonal Only	1,149
Total caravans	1,382
No. of caravans on unlicensed sites (est.)	40
Ratio of houses to residential caravans	38.1

Provisions of Services

Percentage of dwellings on mains water	Census 1961	79.9
Percentage of dwellings on water carriage sewerage	Census 1961	66.9

Refuse Collection

Percentage of dwellings which have house refuse collection (est.)	90

Revenue

Rateable value of Rural District	£747,424
Product of penny rate	£6,850
Number of Marriages	72

I am indebted to Mr. W.T. Casey, Manager of the Department of Employment and Productivity for the following information on employment, unemployment, disablement and rehabilitation.

Summary of Principal Industries and Number employed.

Industry	Men	Women	Total
Agriculture	206	29	235
Fishing	38	—	38
Quarrying	107	6	113
Food Manufacture	75	34	109
Engineering and Ship Building ...	227	38	265
Textiles	24	114	138
Building Construction	351	8	359
Gas, Electricity and Water Supply ...	10	2	12
Transport Undertakings	213	47	260
Distributive Trades	234	358	592
Professional Services	167	363	530
Public Administration	652	60	712
Miscellaneous Services	110	142	252
Catering Industry	70	131	201
Others not specified	136	64	200
	2,620	1,396	4,016

Placings

During the year 401 men, 208 women, 64 boys, and 75 girls were found jobs in the Helston area and another 42 males and 24 females in other areas.

Unemployment

391 men and 109 women were unemployed at the end of the year. The Industries most affected were

Industry	Men	Women	Total
Agriculture	23	3	26
Fishing	49	—	49
Transport and Communications ...	29	1	30
Construction	79	1	80
Catering	34	30	64
Distributive	24	10	34
Engineering and Electrical	24	2	26
Insurance, Banking and Finance ...	11	3	14
Other Factory Workers	8	1	9
Public Administration (incl. H.M. Forces)	45	16	61
Miscellaneous Services	21	18	39
	347	85	432

Disablement

The number of Disabled Persons on the Register was:

	Men	Women	Total
Surgical	80	5	85
Medical	70	2	72
Psychiatric	9	2	11
Others	13	2	15
	172	11	183

Analysis of unemployed registered disabled persons on Live Register, 1971.

	Men	Women	Boys	Total
Surgical	20	2	—	22
Medical	13	2	1	16
Psychiatric	3	—	—	3
Others	2	—	—	2
	38	4	1	43

TRAINING AND REHABILITATION

Eight persons applied for entry into the Plymouth Rehabilitation Unit and 41 persons applied for a course at a Government Training Centre.

2. Vital Statistics

(a) Live Births	Males	Females	Total	Rate
Total	135	137	272	
Legitimate	122	126	248	
Illegitimate	13	11	24	
Birth Rate (Crude)				11.5
Comparability Factor				1.09
Standardised Birth Rate (per 1000 population)				12.5
Illegitimacy Rate (Percentage of Live Births)				9
Total Live and Still Births				275

(b) Still Births			
Total	2	1	3
Legitimate	2	1	3
Illegitimate	Nil	Nil	Nil
Still Birth Rate (per 1000 total live and still births)			11
Still Birth Rate (per 1000 estimated resident population) ...			0.13

(c) General Deaths (excluding Still Births)	
All causes	294
Death Rate (Crude)	12.5
Comparability Factor	.95

Standardised Death Rate (per 1000 population)	11.9
Maternal Deaths	Nil
Maternal Mortality (per 1000 total live and still births) ...	Nil

(d) Deaths of Infants under One Year

	Males	Females	Total
Total	3	1	4
Infant Mortality (per 1000 live births)			15
Neo-natal mortality (per 1000 total legitimate and illegitimate live births)			7
Early neo-natal mortality (per 1000 total births)			4
Perinatal Mortality (still births and deaths under 1 week combined, per 1000 total live and stillbirths)			15

	1 day and under	1-6 days	1-4 wks.	1-6 mths.	6-12 mths.	Total
Other causes of perinatal mortality	1	—	—	—	—	1
Congenital Anomalies	—	—	1	—	—	1
Difficult Labour	—	—	—	1	—	1
Meningitis	—	—	—	—	1	1

(e) Principal Causes of Deaths

	All Ages			Percentage
	Males	Females	Total	of Total Deaths
Heart	80	53	133	45.2
Cancer	31	21	52	17.3
Cardio Vascular Disease of the Central Nervous System	23	25	48	16.3
Respiratory	19	13	32	10.8

COMPARATIVE RATES

	England and Wales 1971 Rate per 1000	Kerrier 1971 Rate per 1000
Live Births	16.0	12.5
Still Births	12.0	11
Deaths	11.6	11.9
Infant Mortality (deaths under 1 year of age)	18	15
Neonatal Mortality (deaths under 4 weeks of age)	12	7
Early Neonatal Mortality (Deaths under 1 week of age)	10	4
Perinatal Mortality (stillbirths & deaths under 1 week of age)	22	15

After publication of last year's report, a correction in a classification of one death was received. One male death relating to "Other Deaths of the Digestive System" should have been in the age group "Over 75" instead of group 65-74. The corrected table in 1970 is published overleaf.

Kerrier Rural District Road Accidents – 1971

I am indebted to Sgt. W.R. Tabb, Accident Prevention Officer, Truro Police Station for the following table:

	Fatal	Seriously Injured	Slightly Injured
January	–	4	4
February	1	4	6
March	1	10	14
April	–	8	17
May	1	2	11
June	–	7	13
July	–	7	17
August	–	10	19
September	–	6	10
October	–	5	8
November	–	3	7
December	–	1	15
TOTAL	3	67	141

CAUSES OF DEATH AT DIFFERENT PERIODS OF LIFE DURING 1970 IN THE RURAL DISTRICT OF KERRIER

CAUSE OF DEATH	Sex	Total All Ages	Under 4 weeks	4 weeks and under 1 year	Age in Years 1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75 +
Enteritis and other Diarrhoeal diseases	M	–	–	–	–	–	–	–	–	–	–	–	–
	F	1	–	–	–	–	–	–	–	–	1	–	–
Malignant Neoplasm, Oesophagus	M	–	–	–	–	–	–	–	–	–	–	–	–
	F	2	–	–	–	–	–	–	–	–	–	1	1
Malignant Neoplasm, Stomach	M	3	–	–	–	–	–	–	1	–	1	–	1
	F	–	–	–	–	–	–	–	–	–	–	–	–
Malignant Neoplasm, Intestine	M	2	–	–	–	–	–	–	–	–	–	1	1
	F	6	–	–	–	–	–	–	–	–	1	2	3
Malignant Neoplasm, Lung, Bronchus	M	5	–	–	–	–	–	–	–	–	3	2	–
	F	3	–	–	–	–	–	–	–	–	2	1	–
Malignant Neoplasm, Breast	M	–	–	–	–	–	–	–	–	–	–	–	–
	F	7	–	–	–	–	–	–	–	1	4	1	1
Malignant Neoplasm, Prostate	M	3	–	–	–	–	–	–	–	–	–	2	1
Leukaemia	M	3	–	–	–	–	–	–	–	–	–	3	–
	F	1	–	–	–	–	–	–	–	–	–	1	–
Other malignant neoplasms	M	5	–	–	–	–	–	–	–	–	2	2	1
	F	9	–	–	–	–	–	–	1	2	1	3	2
Benign and Unspecified Neoplasms	M	1	–	–	–	–	–	–	–	–	–	1	–
	F	–	–	–	–	–	–	–	–	–	–	–	–
Diabetes Mellitus	M	3	–	–	–	–	–	–	–	–	1	2	–
	F	5	–	–	–	–	–	–	–	–	–	3	2
Anaemias	M	–	–	–	–	–	–	–	–	–	–	–	–
	F	2	–	–	–	–	–	–	–	–	–	1	1
Other Diseases of Nervous System	M	1	–	–	–	–	–	–	–	–	–	1	–
	F	4	–	–	–	–	–	–	1	–	–	1	2
Chronic Rheumatic Heart Disease	M	–	–	–	–	–	–	–	–	–	–	–	–
	F	2	–	–	–	–	–	–	–	–	2	–	–
Hypertensive Disease	M	2	–	–	–	–	–	–	–	–	–	1	1
	F	9	–	–	–	–	–	–	–	1	–	1	7
Ischaemic Heart Disease	M	47	–	–	–	–	–	–	–	3	8	18	18
	F	29	–	–	–	–	–	–	–	–	3	9	17

Other Forms of Heart Disease	M	7	–	–	–	–	–	–	–	–	–	2	5
	F	10	–	–	–	–	–	–	–	–	–	2	8
Cerebrovascular Disease	M	12	–	–	–	–	–	–	–	–	–	6	6
	F	32	–	–	–	–	–	–	–	2	4	4	22
Other Diseases of Circulatory system	M	9	–	–	–	–	–	–	–	–	1	4	4
	F	2	–	–	–	–	–	–	1	–	–	–	1
Influenza	M	1	–	–	–	–	–	–	–	–	–	–	1
	F	–	–	–	–	–	–	–	–	–	–	–	–
Pneumonia	M	10	–	–	2	–	–	–	–	–	–	3	5
	F	2	–	–	–	–	–	–	–	–	–	1	1
Bronchitis and Emphysema	M	8	–	–	–	–	–	–	–	–	3	4	1
	F	1	–	–	–	–	–	–	–	–	–	1	–
Other Diseases of Respiratory System	M	3	–	1	–	–	–	–	–	–	1	–	1
	F	–	–	–	–	–	–	–	–	–	–	–	–
Peptic Ulcer	M	1	–	–	–	–	–	–	–	–	1	–	–
	F	–	–	–	–	–	–	–	–	–	–	–	–
Other Diseases of Digestive System	M	4	–	–	–	–	–	–	–	1	2	–	1
	F	–	–	–	–	–	–	–	–	–	–	–	–
Nephritis and Nephrosis	M	2	–	–	–	–	–	–	–	–	–	2	–
	F	–	–	–	–	–	–	–	–	–	–	–	–
Hyperplasia of Prostate	M	1	–	–	–	–	–	–	–	–	–	–	1
Other Diseases, Genito-Urinary System	M	1	–	–	–	–	–	–	–	–	–	1	–
	F	1	–	–	–	–	–	–	–	–	–	1	–
Diseases of Skin, Subcutaneous Tissue	M	1	–	1	–	–	–	–	–	–	–	–	–
	F	–	–	–	–	–	–	–	–	–	–	–	–
Congenital Anomalies	M	1	1	–	–	–	–	–	–	–	–	–	–
	F	1	–	–	1	–	–	–	–	–	–	–	–
Birth Injury, Difficult Labour, etc.	M	–	–	–	–	–	–	–	–	–	–	–	–
	F	2	2	–	–	–	–	–	–	–	–	–	–
Symptoms and Ill Defined Conditions	M	–	–	–	–	–	–	–	–	–	–	–	–
	F	1	–	–	–	–	–	–	–	–	–	–	1
Motor Vehicle Accidents	M	4	–	–	–	–	3	1	–	–	–	–	–
	F	1	–	–	–	–	–	1	–	–	–	–	–
All Other Accidents	M	4	–	1	–	–	–	1	1	–	–	–	1
	F	–	–	–	–	–	–	–	–	–	–	–	–
Suicide and Self-Inflicted Injuries	M	1	–	–	–	–	–	–	–	–	1	–	–
	F	–	–	–	–	–	–	–	–	–	–	–	–
TOTAL ALL CAUSES	M	145	1	3	2	–	3	2	2	4	24	55	49
	F	133	2	–	1	–	–	1	3	6	18	33	69

CAUSE OF DEATH	Sex	Total All Ages	Under 4 weeks	4 weeks and under 1 year	Age in Years 1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75+
Tuberculosis of Respiratory System	M	3	–	–	–	–	–	–	–	–	1	1	1
	F	–	–	–	–	–	–	–	–	–	–	–	–
Malignant neoplasm, Buccal Cavity, etc.	M	1	–	–	–	–	–	–	–	–	–	1	–
	F	1	–	–	–	–	–	–	1	–	–	–	–
Malignant neoplasm, Oesophagus	M	1	–	–	–	–	–	–	–	–	1	–	–
	F	1	–	–	–	–	–	–	–	–	–	–	1
Malignant neoplasm, Stomach	M	5	–	–	–	–	–	–	–	–	3	1	1
	F	2	–	–	–	–	–	–	–	1	1	–	–
Malignant neoplasm, Intestine	M	6	–	–	–	–	–	–	–	–	2	1	3
	F	4	–	–	–	–	–	–	–	–	–	2	2
Malignant neoplasm, Lung, Bronchus	M	6	–	–	–	–	–	–	–	1	1	4	–
	F	2	–	–	–	–	–	–	–	1	–	–	1
Malignant neoplasm, Breast	M	–	–	–	–	–	–	–	–	–	–	–	–
	F	6	–	–	–	–	–	–	–	1	1	1	3
Malignant neoplasm, Uterus	F	2	–	–	–	–	–	–	–	1	–	1	–
Malignant neoplasm, Prostate	M	3	–	–	–	–	–	–	–	–	–	2	1
Other Malignant neoplasms	M	9	–	–	–	–	1	–	–	–	1	3	4
	F	3	–	–	–	1	–	–	–	1	–	–	1
Diabetes Mellitus	M	–	–	–	–	–	–	–	–	–	–	–	–
	F	2	–	–	–	–	–	–	–	–	–	1	1
Other Endocrine etc. diseases	M	1	–	–	–	–	–	–	–	–	1	–	–
	F	–	–	–	–	–	–	–	–	–	–	–	–
Anaemias	M	–	–	–	–	–	–	–	–	–	–	–	–
	F	1	–	–	–	–	–	–	–	–	–	–	1
Mental Disorders	M	–	–	–	–	–	–	–	–	–	–	–	–
	F	1	–	–	–	–	–	–	–	–	–	–	1
Meningitis	M	1	–	1	–	–	–	–	–	–	–	–	–
	F	–	–	–	–	–	–	–	–	–	–	–	–
Other diseases of Nervous System	M	1	–	–	–	–	–	–	–	–	1	–	–
	F	–	–	–	–	–	–	–	–	–	–	–	–

Chronic Rheumatic heart disease	M	–	–	–	–	–	–	–	–	–	–	–	–
	F	1	–	–	–	–	–	–	–	–	–	1	–
Hypertensive disease	M	2	–	–	–	–	–	–	–	–	1	1	–
	F	3	–	–	–	–	–	–	–	–	–	–	3
Ischaemic heart disease	M	67	–	–	–	–	–	–	2	4	15	25	21
	F	37	–	–	–	–	–	–	–	–	2	13	22
Other forms of heart disease	M	11	–	–	–	–	–	–	1	–	2	3	5
	F	13	–	–	–	–	–	–	–	–	1	1	11
Cerebrovascular disease	M	16	–	–	–	–	–	–	1	–	1	7	7
	F	18	–	–	–	–	–	–	–	1	3	1	13
Other diseases of circulatory system	M	7	–	–	–	–	–	–	–	–	1	3	3
	F	7	–	–	–	–	–	–	–	–	–	1	6
Influenza	M	1	–	–	–	–	–	–	–	–	1	–	–
	F	3	–	–	–	–	–	–	–	–	–	1	2
Pneumonia	M	6	–	–	–	1	–	–	–	–	–	2	3
	F	6	–	–	–	–	–	–	–	–	1	1	4
Bronchitis and Emphysema	M	8	–	–	–	–	–	–	–	–	–	2	6
	F	3	–	–	–	–	–	–	–	–	1	1	1
Other diseases of respiratory system	M	1	–	–	–	–	–	–	–	1	–	–	–
	F	1	–	–	–	–	–	–	–	–	–	–	1
Peptic Ulcer	M	1	–	–	–	–	–	–	–	–	–	–	1
	F	–	–	–	–	–	–	–	–	–	–	–	–
Other diseases of Digestive system	M	3	–	–	–	–	–	–	–	–	1	–	2
	F	1	–	–	–	–	–	–	–	–	–	–	1
Other diseases, Genito-Urinary system	M	–	–	–	–	–	–	–	–	–	–	–	–
	F	2	–	–	–	–	–	–	–	–	1	–	1
Congenital Anomalies	M	1	1	–	–	–	–	–	–	–	–	–	–
	F	–	–	–	–	–	–	–	–	–	–	–	–
Birth Injury, difficult labour, etc.	M	–	–	–	–	–	–	–	–	–	–	–	–
	F	1	–	1	–	–	–	–	–	–	–	–	–
Other causes of perinatal mortality	M	1	1	–	–	–	–	–	–	–	–	–	–
	F	–	–	–	–	–	–	–	–	–	–	–	–
Symptoms and ill defined conditions	M	–	–	–	–	–	–	–	–	–	–	–	–
	F	1	–	–	–	–	–	–	–	–	–	–	1
Motor vehicle accidents	M	2	–	–	–	1	–	–	–	–	1	–	–
	F	1	–	–	–	–	–	–	–	–	–	1	–
All other accidents	M	2	–	–	1	–	1	–	–	–	–	–	–
	F	2	–	–	1	–	–	–	–	–	–	–	1
Suicide and self-inflicted injuries	M	1	–	–	–	–	–	–	1	–	–	–	–
	F	1	–	–	–	–	–	–	–	–	–	1	–
All other external causes	M	–	–	–	–	–	–	–	–	–	–	–	–
	F	1	–	–	–	–	1	–	–	–	–	–	–
TOTAL ALL CAUSES	M	167	2	1	1	2	2	–	5	6	34	56	58
	F	127	–	1	1	1	1	–	1	6	11	27	78

Accidents in the Home

Eleven children, one 6 year old girl, two 5 year old girls, two 4 year old girls one 4 year old boy, two 3 year old boys, two 2 year old boys and one 11 month old girl had accidents in the home. Nine had falls, one was scalded, one was kicked by an animal. There were four children in two families, three in one family, two in five families and one child in three families.

There were no persons drowned on beaches in Kerrier R.D.C. last year.

3. Summary of Area Statistics

General	Camborne-Redruth	Kerrier	Helston	Area No. 2 Total 1971
Area in Acres	22,411	90,989	4,017	117,417
Population	41,930	23,590	10,340	75,860
No. of inhabited houses	15,272	8,757	3,135	27,164
No. of Council houses	2,112	971	692	3,775
Vital				
No. of Births	693	272	263	1,228
Standardised Birth rate	17.5	12.5	20.6	
No. of Still Births	5	3	5	13
Stillbirth Rate (per 1000 live and stillbirths)	7	11	19	
Infant Deaths	15	4	4	23
Infant Mortality Rate	22.00	15.00	15.00	
Maternal Mortality	Nil	Nil	Nil	
Maternal Mortality Rate (per 1000 live and stillbirths)	Nil	Nil	Nil	
No. of deaths	608	294	115	1,017
Standardised Death Rate	12.8	11.9	9.3	
Principal Causes of Death (percentage of total deaths)				
(a) Infants under 1 year				
Other causes of Perinatal mortality	6.66	25.00	Nil	8.70
Birth injury & difficult labour	40.00	25.00	75.00	43.47
Congenital	46.68	25.00	25.00	39.13
Respiratory	6.66	Nil	Nil	4.35
Meningitis	Nil	25.00	Nil	4.35
(b) All ages				
Respiratory	12.82	10.8	10.4	
Cancer	17.11	17.3	19.1	
Heart	35.19	45.2	34.8	
Cardio-vascular disease of central nervous system	20.72	16.3	18.30	

	Camborne-Redruth		Kerrier		Helston		Area No. 2 Total 1971
Accidental Deaths	M	F	M	F	M	F	
Motor Accidents	1	2	2	1	2	1	
All other accidents	8	11	2	2	2	2	
Suicide & self inflicted injuries	—	—	1	1	1	1	
Infectious Diseases							
Tuberculosis Notifications (new cases only)							
Respiratory	11		7		Nil		
Non-respiratory	Nil		Nil		Nil		
Incidence Rate—							
Respiratory	0.26		0.3		Nil		
Non-respiratory	Nil		Nil		Nil		
Other Infectious Diseases							
Gastro-Enteritis	Nil		1		Nil		1
Measles	5		16		42		63
Whooping cough	Nil		2		2		4
Inf. Hepatitis	4		Nil		Nil		4
Meningitis	2		Nil		Nil		2
Scarlet Fever	1		3		1		5
Salmonella Infection	4		7		2		13
Streptococcal Infection	2		Nil		Nil		2

(Rates are given per 1000 population)

SECTION B

GENERAL PROVISION OF HEALTH SERVICES IN THE RURAL DISTRICT

1. Local Sanitary Services

(a) Staff

(i) Kerrier District Council (Local Sanitary Authority)

Medical Officer of Health

Dr. J.A.W. REID, M.B., Ch.B., M.F.C.P., D.P.H., F.R.S.H.

Chief Public Health Inspector

Mr. R. COLLEY, M.A.P.H.I.

Deputy Public Health Inspector

Mr. L. DEAMER, M.A.P.H.I.

Additional Public Health Inspector

Mr. B.A. CANTWELL, M.A.P.H.I.

Clerical/Technical Assistant

Mr. D. WILLIAMS

Clerk

Mrs. N. SOBEY

Foreman

Mr. N. WILLIAMS

Rodent Operator

Mr. F. GREET (Part-time)

(ii) Cornwall County Staff (Local Health Authority)

Health Area Medical Officer

Dr. J.A.W. REID, M.B., Ch.B., M.F.C.P., D.P.H., F.R.S.H.

Clinic Doctor

Dr. W. JACKSON, M.B., Ch.B.

Dentist

Mr. J.E. KENNY, L.D.S. (Resigned)
Mr. J.K. DONALD, L.D.S. (R.C.S.Eng.)

Assistant County Nursing Officer

Miss V. COVENTRY, S.R.N., S.C.M. Q.N.S., H.V.Cert.

Health Visitors

Mrs. N. SPALDING
Miss M. BOWYER
Miss M. SAVAGE

T.B. Health Visitor

Miss P. TAYLOR

District Nurse/Midwives/Health Visitors – (Combined)

Miss I.F. MAY
Mrs. D. OUGH
Miss F. PIPER
Miss S. WOODWARD
Mrs. I.A. TREGLOAN
Mrs. J. LOVELOCK
Mrs. B. GETHING (P/T)
Mrs. B. MANATON
Miss M. WESTON
Mrs. M.L. SOTHCOTT (P/T)
Mrs. M.G. BOSUSTOW
Mrs. H. THOMAS
Mrs. R. COWAN (P/T)
Miss D. ROBINSON
Mrs. G. BERRY

With G.P. Attachment Health Visitors and Midwives work in both the Helston and Kerrier Areas.

Dental Attendant

Mrs. C. BREWER

Clerical Staff

Mr. D. MAY
Mrs. V.E. PAUL
Mrs. S.M. TELLAM
Mrs. A. NICHOLLS (P/T)
Mrs. M. KELLY
Mrs. M. LUKOWIAK (Resigned September 1971)
Mrs. K. DARCH (commenced December, 1971)

One quarter of the Medical Officer of Health's time is devoted to the Personal Health Services which are the function of No. 2 Area Health Sub-Committee of the Cornwall County Council.

(b) Laboratory Facilities

Pathological and bateriological specimens requiring examination are sent to Dr. Barrow, Public Health Laboratory, Royal Cornwall Infirmary, Truro. The investigations carried out were:

Typhoid Fever	Faeces	1
	Urine	1
Gastro-Enteritis	Faeces	4
	Water	1
Salmonella Infection	Faeces	94
	Rectal Swabs	13
	Drain Swab	1
	Canary Droppings	1
	Food	14
	Milk	1
Winter Vomiting	Faeces	6
Streptococci Infection	Throat Swab	1
	Wound Pus	1
Diarrhoea	Faeces	1

(d) Health Education is a function of the Local Sanitary Authority under Section 179 Public Health Act, 1936, and of the Local Health Authority under Section 28 of the National Health Service Act, 1946.

The Medical Officer of Health gave talks on Public Health to schools and voluntary organisations in the District.

The Nursing staff carried out a programme of talks to mothers, parents and scholars on ante-natal and post-natal care and general health.

Health Education – Monthly Topics, 1971

January	Baby Safety. Smoking in Pregnancy.
February	Smoking
March	Care of Children's Feet and Shoe Fitting.
April	Food Facts. Balanced Meals for Baby
May	Dental Health
June	Food Hygiene. Hand Washing before eating
July	The danger of Flies.
August	Fruits and Berries. Learn to Swim.
September	Hypothermia
October	Fire Works Safety
November	Keep those Poisons out of the Children's Way
December	Fire Protection in your Home.

(e) Old People's Register

Thirty old persons, 20 females and 10 males were added to the register. At the end of the year the total number of old people known to the Public Health Department was 227.

Details of the new females and males are as follows:

	Male	Female
65-70 years	—	2
70-75 years	5	8
75-80 years	3	7
80-90 years	2	3

Referrals

Thirteen persons came through the Health Visitors, 2 by relatives and 15 by self.

Disability

The disabilities of the persons added to the Register were:

Deafness ...	1
Old Age ...	25
Bad sight ...	1
Chiropody ...	3

Living Alone

Sixteen of the old persons lived alone.

Housing

Five in a Council house, 8 in a cottage, 6 in a bungalow, 2 in farmhouse, 3 in flat, 2 in modernised house, 4 in wardens unit.

Assessment of Needs

All managed satisfactorily with District Nurses and Health Visitors help.

In December, 1971 shortage of electricity was a potential cause of hardship to old people due to lack of warmth and cooking facilities. The Health Visitor and Social Services Worker pooled their resources and extra Meals on Wheels, together with emergency arrangements for heating and cooking cut the risk of damage to old persons health to a minimum.

2. Local Health Authority Services

Personal Health Services

The following Personal Health Services are provided under the National Health Service Act, 1946, by the Cornwall County Council and are administered through

No. 2 Area Health Sub-Committee on which the Rural District is represented by 3 members and the Borough by 1 member.

(a) Care of Mothers and Young Children (Section 22)

Ante-natal guidance was provided as in past years.

The following educational classes for expectant mothers were held:

	Helston
Sessions held during 1971	24
Mothers attending during 1971	106
Attendances during 1971	309
Average attendance per session	21

The following table shows the number of infants and toddlers who attended the clinic and the number of visits these children made to the clinic throughout the year.

		Helston	Porthleven
First attendance during year of			
children born in ...	Present year	232	57
	Last year	265	56
Born in previous 4 years		111	23
Total under 1 year		3,168	519
Attendance over 1 year		830	113
Total Attendance		3,998	623

Welfare Foods

Welfare Foods are distributed from the following centres:

Helston Turnpike
Helston – Mr. W. Hartley-Peters, 97 Meneage Street
Chemist, Porthleven
Mr. Anderton, Chemist, Mullion
Post Office, St. Keverne
Mr. Johns, The Square, Lizard
Corner Stores, Porthleven

Family Planning

Advice was given to any mother requesting it as part of the Health Visitor's general duties during the past year. Family Planning Clinics are held at Helston, Falmouth and Camborne.

(b) Midwifery – Section 23

There are 11 County Council midwives in the combined area of Helston and Kerrier.

During the year they attended 47 confinements which represents 9% of the total births. Last year 488 expectant mothers had their babies in hospital.

During the year 118 cases were discharged at 48 hours from the Maternity Hospitals to the care of domiciliary midwife in the Health Area; 356 before 10th day including 48 hour discharges.

The following number of ante-natal and post-natal visits were made during the year.

	Helston and Kerrier
Post natal	2,670
Ante natal	1,874

Kerrier Rural District

	Domiciliary	Hospitals
Total Births	38	234
Full Time	38	215
Stillbirths	–	3
Premature Stillbirths	–	3
Neo-natal Deaths	–	2
Other Infant Deaths	1	1

Helston Borough

	Domiciliary	Hospitals
Total Births	9	254
Full Time	9	230
Stillbirths	–	5
Premature Stillbirths	–	5
Neo-natal Deaths	1	4

Cytology Clinics

11 clinics were held during the year.
222 patients were seen by the Clinic Doctor.
202 of these were satisfactory.
20 patients were referred to the Family Doctor for treatment of minor conditions.
2 cases were referred for further investigation of cancer.

Since 1966 when the Clinic started, 1,347 patients have been seen, 337 have been referred to their General Practitioners for treatment of minor conditions. 8 persons were referred for further investigation of cancer.

(c) Health Visiting – Section 24

Four full-time Health Visitors and 7 District Nurse/Midwife/Health Visitors work in the Helston and Kerrier areas, the following is a summary of the work carried out by them.

Domiciliary Visits	Helston and Kerrier
Children under 5 years	7,399
Aged and Infirm	964
Social Visits	534
Other cases	16
Ante-natal Visits	214
Attendance at Clinics	
Welfare Clinic	164
Tuberculosis Clinics	58
Immunisations	86
Mothercraft and Parentcraft	8
Teaching Sessions (Schools)	5
Attendance at Schools	
Medical Inspections	85
Cleanliness Inspections	83
Immunisation Sessions	10
Mothercraft	3
G.P. Surgeries	
Visits to Surgery	294
Well-Baby Sessions	44
Immunisation Sessions	86

(d) Home Nursing — Section 25

Twelve Home Nurses and 4 part-time nurses were engaged in District Nursing in the combined areas during 1971 and they made 31,015 home visits.

	Helston and Kerrier
General	24,624
Midwifery and Ante-Natal Visits, Domiciliary and Hospital	4,517
Ante-Natal Educational Classes	60
Others	474
Surgery Visits	921
G.P. and L.A. Midwifery and Ante-Natal Clinics	417

(e) Vaccination and Immunisation — Section 26

The following table gives the number vaccinated and immunised at the clinics in the area.

Kerrier		Complete
Poliomyelitis —	Full Course Oral	58
	Oral Booster	100
Diphtheria/Whooping Cough/Tetanus —		
Primary		43
Booster		—
Diphtheria/Tetanus —	Primary	—
	Booster	102
Tetanus —	Primary	—
	Booster	—
Smallpox —	Primary	12
	Revaccination	—
Measles		109

Helston		
Poliomyelitis —	Full Course Oral	161
	Oral Booster	123
Diphtheria/Whooping Cough/Tetanus — Primary		150
Diphtheria/Tetanus —	Primary	—
	Booster	112
Tetanus —	Primary	—
	Booster	—
Smallpox —	Primary	80
	Booster	—
Measles		142

(f) Ambulance Service — Section 27

During weekday working hours the County Ambulance Service from Tolvean Depot, Redruth carried out all normal duties; at nights and at week-ends cover is given by voluntary ambulance crew of St. John Ambulance Brigade at Helston, using their own ambulance.

(g) Prevention of Illness, Care and After Care — Section 28
(i) Nursing equipment

Cases discharged from hospital and requiring after care are treated by the Home Nurse or supervised by the Health Visitor. Sick room equipment such as urine bottles, bedpans, bed rests, air cushions, mattresses, rubber sheeting can be had on loan.

(ii) Hospital – After Care

The Assistant County Nursing Officer liaises with the hospital staffs. Background reports of home and social conditions are made available to the medical staff and advance requests are made for home nursing, home help, or supervisory visits which the patient may require on discharge.

(iii) Long Stay Immigrants

Medical arrangements for immigrants include the offer of an x-ray of the chest and the registration of the person and his family with a family doctor. Most immigrants in the Rural District are food handlers employed for a number of months each year in the hotel business. No notifications of incoming immigrants were received during the year.

(h) Meals on Wheels

Following last year's commencement of a service for 12 persons at the Lizard, another service began in Mullion.

(i) The Register of children with a handicap in Helston and district contained the following categories:

Disability	Year of Birth											
	1966		1967		1968		1969		1970		1971	
	M	F	M	F	M	F	M	F	M	F	M	F
(a) Major Congenital Defects												
PHYSICAL	4	1	1	4	2	–	1	1	–	1	2	1
MENTAL	1	2	2	2	1	1	–	–	–	1	–	1
(b) Minor Congenital Defects	–	1	–	1	3	1	2	1	–	–	–	1
(c) Birth Hazards	–	2	–	–	–	–	–	–	–	–	–	–
(d) Defects as a Result of Injury or Disease	–	–	–	–	1	–	–	1	–	–	–	1

3. Hospital Services

These remain the same as in previous years.

4. General Practitioners Service

As in previous years.

5. Mass X-ray Unit

The unit is available twice a month as follows:

2nd and 4th Monday of each month	Car Park Trengrouse Way Helston	5.15 p.m. to 6.00 p.m.

6. Blood Transfusion Service

I am indebted to Miss Cole, Regional Donor Organiser for the underneath information on the service:

	Sessions	Donors attending
Helston	4	444
R.N.A.S.	4	439

SECTION C

ENVIRONMENTAL HYGIENE

WATER SUPPLIES AND SAMPLING

With Nancegollan now connected to the South Cornwall Water Board's mains, no villages remain with untreated piped water.

Below is a record of the samples taken for bacteriological analysis:

Mains Water

Number of samples taken	202
Number satisfactory	197
Number unsatisfactory	5

Wells, Pumps and Springs

Number of samples taken	19
Number satisfactory	11
Number unsatisfactory	8

Private Water Supplies (Wells, boreholes and springs)

Number of samples taken	68
Number satisfactory	44
Number unsatisfactory	24

Total number of samples taken — 289

ANNUAL RAINFALL

I am indebted to Mr. J. Holman, Engineer, South Cornwall Water Board for the following information on rainfall throughout the year. During 1971 rainfall over the Board's area was only 80% of the average annual rainfall during the previous 13 years. Kerrier Rural District is most of the catchment area for the collecting reservoirs in the Cornwall Division of the Board.

Rainfall	Camborne (Boswyn)	Helston (Three Cross)	Falmouth
Yearly Total	1013.00 mm	965.30 mm	983.6 mm
Monthly Average	84.42	80.44	81.97
Long Term monthly average	108.63	100.54	101.87
% of the L.T.M.A.	78%	80%	80%

DRAINAGE AND SEWERAGE

The Sewerage Scheme for Budock Water and Mawnan Smith was commenced in October and should be completed by 30th September, 1972.

The villages now served by sewage schemes are as follows:

Mullion	Sea Outfall
The Lizard, Ruan Minor and Cadgwith	Sea Outfall
Coverack (part)	Sea Outfall
Praze	Sewage Works
Mabe	Joins into Penryn sewer
Nancegollan	Sewage Works
St. Keverne	Sewage Works
Constantine	Sewage Works
Stithians & Ponsanooth	Sewage Works

PUBLIC CONVENIENCES

A new public convenience was built at Helford Village and work commenced on the erection of the new Public Convenience at Kennack Sands, which will be available for the summer of 1972.

The order of priority for new Public Conveniences agreed by the Council is Polurrian, Coverack, Constantine, Cadgwith and Ponsanooth.

17 Public Conveniences are now erected and are situated at:

The Lizard, Polpeor
The Lizard Green
Mullion Village
Mullion Cove
Poldhu Cove
Gunwalloe Church Cove
Coverack Village
Porthallow Beach
Helford Village
Ruan Minor Village
Cadgwith Village
Praa Sands (Western End)
Stithians Village
St. Keverne Village
Kynance Cove, The Lizard
Praze Village
Mawnan Smith Village

CESSPOOL EMPTYING

The Council's cesspool emptiers in use have a capacity of 1100 gallons each and were first registered on the 3rd August, 1965 (DAF 72C) and the 7th January, 1969 (PRL 423G). A pre-payment system was introduced during the year to avoid bad debts. The charge for emptying was kept at £1.75 per load or part load for domestic premises and £3.50 per load or part load for other premises.

The number of loads emptied in the year was 2,943 (1,119 private, 1,716 Council and 108 emptyings in connection with the Stithians and Ponsanooth Sewage scheme,) an increase over the previous year of 15.7%.

REFUSE COLLECTION AND DISPOSAL

The Council's vehicles are as follows:

1 S. & D. Fore and Aft tipper, registered 5th August, 1969 (SRL 64H)
1 S. & D. Fore and Aft tipper, registered 6th November 1969 (TCV 142H)
1 S. & D. Fore and Aft tipper, registered 4th September 1970 (WAF 890J)
1 S. & D. Fore and Aft tipper, registered 1st September 1971 (AAF 772K)

Collection of all refuse from R.N.A.S. Culdrose by Contract continued satisfactorily. The Contract commenced on the 26th January, 1970.

During the year disposal of all refuse was at the Constantine Tip and Planning consent was received for a new site at Trezise, St. Martin which will be used jointly with Helston Borough Council.

Total number of loads of refuse collected	1,880
Estimated total tonnage	6,630

RODENT CONTROL

During the period 29th March - 16th April the sewerage systems of Mabe, Constantine, St. Keverne, Coverack, Mullion, The Lizard, Cadgwith, Ruan Minor, Praze and Nancegollan were test baited. From 1st - 16th November the systems of Coverack and St. Keverne were again test baited and the Stithians/Ponsanooth system baited for the first time. As in recent years, the evidence of rats in the systems was very small.

The Local Authority has continued to be responsible for the control of rodents at the R.N.A.S. at Culdrose. This was requested by the Captain of Culdrose and is rechargeable.

ANTHRAX

No cases were reported during 1971.

DISEASES OF ANIMALS ACT, 1950
THE DISEASE OF ANIMALS (WASTE FOODS) ORDER, 1957

Only one premise is licensed and is located at Hillhead, Penryn.

ANIMAL BOARDING ESTABLISHMENTS

There are four premises registered under the Animal Boarding Establishments Act, 1963. The licensees and premises are:

Mrs. Rosaline Holme, Trescowe Vean, Trescowe, Germoe
Mrs. Margaret Anna Peck, The Downs House, Cargey, Ruan Minor
Mrs. Angela Ermine Sturgess, Mill House Boarding Kennels, Lowertown
Mr. Peter Frederick and Mrs. Audrey Edith Lewindon, Stithians Boarding Kennels, Tubbin Hill, Stithians.

PETROLEUM REGULATIONS

There are 82 premises licensed for the sale and/or storage of petroleum under the Petroleum (Regulation) Acts, 1928 and 1936, 43 for sale to public from Garages and 39 for private business use only. All licences are renewable on 1st October in each year.

OFFICES, SHOPS & RAILWAY PREMISES ACT, 1963

Registrations and General Inspections

Class of Premises	Number of premises newly registered during the year	Total number of registered premises at end of year	Number of registered premises receiving one or more general inspection during the year
Offices	1	5	5
Retail Shops	11	27	30
Wholesale Shops, Warehouses	—	1	2
Catering Establishments open to the public	4	22	16
Fuel Storage Depots	—	—	—
TOTALS	16	55	53

Number of visits of all kinds (including general inspections) to Registered Premises — 82.

Analysis by Workplace of Persons Employed in Registered Premises at End of Year

Class of Workplace	Number of persons employed
Offices	16
Retail Shops	67
Wholesale Departments, Warehouses	3
Catering Establishments Open to Public	78
Fuel Storage Depots	—
TOTAL	164
Total Males	37
Total Females	127

DETAILS OF INSPECTIONS CARRIED OUT

Animal Boarding Establishments	4
Caravan, Tent and Chalet Sites	65
Civic Amenities Act	31
Diseases of Animals Act – Waste Food Order	1
Drainage nuisances, advice on drainage systems and testing	419
Dustbin provisions	3
Factories	12
Food Premises	211
Housing Act – Premises inspected and visits re matters connected therewith	384
Ice Cream Manufacturers and Retailers	69
Infectious Diseases	47
Knackers Yard	4
Lifeguards and Beach Safety	60
Mineshafts	21
Miscellaneous Visits	87
Noise Abatement Act	3
Offices, Shops and Railways Premises	82
Petroleum Regulations	51
Prevention of Damage by Pests	6
Poultry Establishments	1
Public Conveniences	22
Public Health Nuisances	55
Refuse Disposal and Tips, Litter Collection and Depot	139
Rodent Control	6
Schools	4
Scrap Metal Dealers	2
Slaughterhouses	352
Verminous and Filthy Premises	5
Water Sampling	289
Water Supply	30

PUBLIC HEALTH ACT, 1936

Section 39 (Drainage matters)

Formal notices served	–
Formal notices abated	1

Section 93 (Nuisances)

Formal notices served	3
Formal notices abated	2

FACTORIES ACT, 1937

1. Inspections for the purposes of provisions as to health (including inspections made by Public Health Inspectors)

	No. on Register	Inspections	Number of Written Notices	Occupiers Prosecuted
(i) Factories in which Section 1, 2, 3, 4 and 6 are enforced by L.A.	–	–	–	–
(ii) Factories not included in (i) which Section 7 is enforced by L.A.	97	12	1	–
(iii) Other premises in which Section 7 is enforced by L.A. (excluding outworkers premises)	–	–	–	–
TOTAL	97	12	1	–

2. Cases in which defects were found (if defects are discovered at the premises on two, three, or more separate occasions they should be reckoned as two, three or more 'cases')

	Number of cases in which defects were found				No. of cases where prosecutions were instituted
	Found	Remedied	To H.M. Insp.	By H.M. Insp.	
Want or cleanliness	–	–	–	–	–
Overcrowding	–	–	–	–	–
Unreasonable temperature	–	–	–	–	–
Inadequate ventilation	–	–	–	–	–
Sanitary Conveniences (a) Insufficient	–	1	–	–	–
(b) Unsuitable, defective or want of cleansing	–	–	–	–	–
(c) Not separate for sexes	–	–	–	–	–
Other offences against the Act (not including offences relating to Outworkers)	–	–	–	–	–
TOTAL	–	1	–	–	–

CIVIC AMENITIES ACT, 1967

During the year 4 unlicenced abandoned vehicles were removed by a car crushing plant operator, on behalf of the Council, following statutory procedure under the above Act. In addition 20 abandoned or disused vehicles were dealt with informally.

LIFEGUARD, SURF LIFESAVING CLUBS AND EQUIPMENT

Gunwalloe (Church Cove)

I am indebted to Mr. M.E. Lawrence, Hon. Secretary of the Gunwalloe Surf Lifesaving Club for the following report:

"Due to the generosity of Mrs. E.B. Holmes of Falmouth in presenting The Club with an Inshore Rescue Boat powered by a 20 h.p. engine, it has been possible to have a three man crew patrolling beyond the surf in addition to the six man patrols on the beach. These patrols were operated from Whitsun to the end of September at weekends and on public holidays.

During the season three sea rescues were carried out by means of the reel, line and belt and three cliff rescue operations were mounted — one of these latter involving a young sailor from R.N.A.S. Culdrose who lay wounded after a fall on a particularly dangerous piece of cliff. Total rescues now stand at 77 from the sea and 25 from the cliffs. In addition to these rescues first aid was given to a large number of people and at least five were passed on for hospital treatment. It was noted that a far greater number of people than usual were treated for wasp stings.

New equipment purchased since the last Report was published, includes portable Oxygen resuscitating equipment, a new reel and a public address system.

The Club has again achieved 100 per cent success in examinations among which were two Silver and two Bronze medallions. At The National Championships held at St. Ives the Club's Junior team again won the Rescue and Resuscitation event to become Champions of Great Britain for the second year running.

At the Annual General Meeting in February, Mr. A.E. Freeman announced his retirement as Chairman of the Club. He has held this post since the first year of the Club's formation and this Report would not be complete without placing on record how much all his efforts were appreciated. Membership has remained fairly static at 52 active members and 20 supporting."

Polurrian Beach, Mullion

I am indebted to Mr. R.J. Willey, Hon. Secretary of the Mullion Surf Lifesaving Club for the following report:

"The Mullion Surf Lifesaving Club had no incidents on Polurrian Beach during the Summer of 1971. Most persons heeded the warnings given by the patrols and the majority of visitors asked for information regarding bathing. There was no decline

of beach users; in fact the beach seemed more popular than ever before and the welcome lack of incidents made 1971 an unforgettable year.

The Club membership increased enabling it to establish strong patrols every Saturday and Sunday throughout the summer. All Annual Club events such as the Dinner and Dance, Demonstration, etc. were carried out successfully and the first time for many years the Mullion S.L.S.C. entered the National Surf Lifesaving Championships. Results were obtained in several events by the Club. The most promising was from the Junior Team who came third in the main event of Rescue and Resuscitation. Mr. W. Poultney of Gunwalloe S.L.S.C. trained the Juniors and the Mullion Club are very grateful to him.

The coming and going of active members; some leaving the vicinity others working weekends; makes the future of the Club unpredictable, but we are optimistic of a further successful season."

Praa Sands

I am indebted to Mrs. T.H. Board, acting Hon. Secretary of the Praa Sands Surf Lifesaving Club for the following report:

"Winter training continued at the Budock Vean Hotel pool. Thanks to Mrs. C. Allan, all Members who entered an Exam, passed it. Stephen Bennetts gained his Royal Life Saving Socieity Bronze Certificate. Mrs. Allan also helped with transport when she was able to, but more volunteers are needed for this.

The Club Captain — Mr. B. Heather, took on the job in the absence of anyone else, to keep the Club going for another season. He was very keen and worked hard in liaison with Kerrier R.D.C., to whom we are grateful for help and S.L.S.A. Headquarters in Exeter. We were extremely encouraged and hopeful that a new approach would be the beginning of a different form of life for this Club.

The Inshore Rescue Boat was taken over by the Club at the Ponsharden Boatyard, Falmouth, on February 18th 1971. It was launched on April 10th by Mr. J. Williams. Three Life-jackets were donated anonymously and one was later donated by Miss Sharpe. We are grateful to all donors.

The boat crew experimented with the craft, and were able to take full advantage of a Boat Training Weekend, held on 22nd May, and run by Commander Thomson of the National Coastal Rescue Training Centre, Aberavon, who was kind enough to come down here for the benefit of Gunwalloe, Falmouth and Praa Sands Clubs — all with new I.R.B.'s. Films were shown in the evening which were both educational and enjoyable, in connection with Lifesaving and First Aid. We are grateful to Commander Thomson for letting some of us see for the first time how things should be done, and for kindling enthusiasm.

Rescues performed by active Members

In May, the Inshore Rescue boat was called out to assist in the search for two boys said to be missing in the Hoe Point area. They walked home meantime, but the exercise was useful to the boat crew, trying to communicate with the Police and the helicopter crew, and it was obvious that short wave radio would avoid misunderstandings and speed up rescues.

June 25th — one swimmer was helped out of a rip current by a free swim. Two people on a Lilo were helped by a Malibu rider.

June 26th — Four people were rescued by free swims, from a rip current. Four people on an airbed were brought in by a Malibu rider."

The Council employed Lifeguards patrolled the beach on a 7 day week (10.00 a.m. to 6.00 p.m. basis) from 7th June, 1971 to the 25th September, 1971. The Senior Lifeguard was Mr. A.A. Baker who was assisted by Mr. R.A. Vercesi.

The Council also employed 2 additional Lifeguards on a 5½ day week (Monday to Saturday noon) from 5th July, 1971 to 31st August, 1971. These Lifeguards were Mr. J. Austin and Mr. N. Upham.

During the summer, official Lifeguards made 3 rescues, 2 by free swimming and 1 by malibu board. There were no fatalities.

Poldhu

The Council employed Lifeguards patrolled the beach on a 7 day week (10.00 a.m. to 6.00 p.m. basis) from 25th June, 1971 to 7th September, 1971. The Senior Lifeguard was Mr. J.L. Taylor who was assisted by Mr. A.R.A. Hill.

During the summer nine rescues were made by the Lifeguards by free swimming.

Lifesaving equipment in the form of Notice Boards, Boxes with reel and lines and klaxon horns are provided on the following beaches:

	Warning and instruction boards	Hicks Reel and line boxes	Klaxon	Flag Interpretation
Praa Sands	4	4	4	3
Kenneggy	1	1	1	–
Rinsey	1	1	1	–
Gunwalloe Church Cove (2) Fishing Cove (1)	3	3	3	–
Poldhu	2	2	1	1
Polurrian	1	1	1	1
Kynance Beach	1	1	1	–
Pentreath Beach	1	1	1	–
Housel Bay	1	1	1	–
Cadgwith	1	1	1	–
Kennack Sands	2	2	1	–
Coverack	2	2	1	–
Porthallow	1	1	1	–
TOTAL	21	21	18	5

The names and addresses of the Hon. Secretaries of the Surf Lifesaving Clubs are as follows:

Gunwalloe S.L.S.C.	**Mullion S.L.S.C.**	**Praa Sands S.L.S.C.**
Mr. M.E. Lawrence, 11 Osborne Parc, Helston.	Mr. R.J. Willey, "Treharrann", Mullion.	Mrs. T.H. Board, "Samphire", Praa Sands.
Tel. Helston 2947	Tel. Mullion 544	Tel. Germoe 3209

PREVENTION OF ACCIDENTS

Overleaf is the tide table and life protection advice circulated by the Rural District to Hotels, Guest Houses, Cafes, Shops, Parish, Village and Beach Notice Boards and Surf Lifesaving Clubs.



Kerrier Rural District Council

wishes you a very HAPPY STAY

so

TAKE CARE . AND STAY HAPPY

Remember this is the SEA - it demands respect

1972 TIDE TABLES

Approximate time of LOW WATER based on Lizard Point
High Water is approximately 6 hours and 10 minutes after Low Water.

	MAY			JUNE			JULY		
		Morn.	*Aft.*		*Morn.*	*Aft.*		*Morn.*	*Aft.*
Mon.	1	01.28	13.42	Thur. 1	02.20	14.33	Sat. 1	02.48	15.03
Tue.	2	02.00	14.12	Fri. 2	02.56	15.11	Sun. 2	03.27	15.43
Wed.	3	02.31	14.43	Sat. 3	03.37	15.53	Mon. 3	04.11	16.28
Thur.	4	03.04	15.17	Sun. 4	04.24	16.44	Tues. 4	05.00	17.21
Fri.	5	03.42	15.59	Mon. 5	05.21	17.47	Wed. 5	05.58	18.26
Sat.	6	04.32	16.55	Tues. 6	06.30	19.01	Thur. 6	07.07	19.43
Sun.	7	05.40	18.13	Wed. 7	07.44	20.17	Fri. 7	08.23	21.01
Mon.	8	07.04	19.41	Thur. 8	08.55	21.26	Sat. 8	09.36	22.12
Tues.	9	08.24	20.56	Fri. 9	09.58	22.27	Sun. 9	10.41	23.14
Wed.	10	09.30	21.57	Sat. 10	10.56	23.24	Mon. 10	11.39	—
Thur.	11	10.27	22.52	Sun. 11	11.50	—	Tues. 11	00.10	12.32
Fri.	12	11.19	23.38	Mon. 12	00.18	12.41	Wed. 12	01.00	13.19
Sat.	13	—	12.08	Tues. 13	01.08	13.29	Thur. 13	01.44	14.01
Sun.	14	00.31	12.55	Wed. 14	01.56	14.15	Fri. 14	02.24	14.39
Mon.	15	01.18	13.40	Thur. 15	02.41	14.58	Sat. 15	03.01	15.13
Tue.	16	02.04	14.23	Fri. 16	03.24	15.39	Sun. 16	03.34	15.46
Wed.	17	02.50	15.08	Sat. 17	04.05	16.20	Mon. 17	04.08	16.21
Thur.	18	03.36	15.54	Sun. 18	04.48	17.04	Tues. 18	04.44	17.01
Fri.	19	04.26	16.45	Mon. 19	05.35	17.56	Wed. 19	05.28	17.54
Sat.	20	05.22	17.44	Tues. 20	06.31	18.59	Thur. 20	06.27	19.05
Sun.	21	06.26	18.54	Wed. 21	07.34	20.07	Fri. 21	07.42	20.27
Mon.	22	07.35	20.03	Thur. 22	08.38	21.10	Sat. 22	08.56	21.35
Tues.	23	08.36	21.03	Fri. 23	09.35	22.04	Sun. 23	09.57	22.29
Wed.	24	09.29	21.53	Sat. 24	10.25	22.52	Mon. 24	10.47	23.14
Thur.	25	10.14	22.37	Sun. 25	11.10	23.35	Tues. 25	11.32	23.56
Fri.	26	10.56	23.18	Mon. 26	11.52	—	Wed. 26	—	12.14
Sat.	27	11.36	23.57	Tues. 27	00.16	12.32	Thur 27	12.37	12.54
Sun.	28	—	12.14	Wed. 28	00.55	13.10	Fri. 28	01.16	13.33
Mon.	29	00.34	12.50	Thur. 29	01.32	13.48	Sat. 29	01.55	14.11
Tues.	30	01.10	13.25	Fri. 30	02.10	14.25	Sun. 30	02.33	14.48
Wed.	31	01.45	13.59				Mon. 31	03.12	15.27

AUGUST

		Morn.	*Aft.*
Tue.	1	03.52	16.08
Wed.	2	04.36	16.56
Thur.	3	05.28	17.57
Fri.	4	06.34	19.18
Sat.	5	08.00	20.50
Sun.	6	09.25	22.07
Mon.	7	10.33	23.08
Tues.	8	11.30	23.59
Wed.	9	—	12.18
Thur.	10	00.44	13.00
Fri.	11	01.23	13.38
Sat.	12	01.58	14.11
Sun.	13	02.30	14.41
Mon.	14	02.59	15.10
Tues.	15	03.27	15.39
Wed.	16	03.57	16.13
Thur.	17	04.34	16.56
Fri.	18	05.22	18.00
Sat.	19	06.36	19.35
Sun.	20	08.12	21.03
Mon.	21	09.27	22.02
Tues.	22	10.21	22.48
Wed.	23	11.07	23.31
Thur.	24	11.50	—
Fri.	25	00.13	12.32
Sat.	26	00.54	13.12
Sun.	27	01.34	13.51
Mon.	28	02.13	14.29
Tues.	29	02.52	15.08
Wed.	30	03.30	15.48
Thur.	31	04.12	16.35

SEPTEMBER

		Morn.	*Aft.*
Fri.	1	05.02	17.37
Sat.	2	06.12	19.07
Sun.	3	07.49	20.48
Mon.	4	09.19	22.00
Tues.	5	10.22	22.54
Wed.	6	11.12	23.39
Thur.	7	11.56	—
Fri.	8	00.18	12.34
Sat.	9	00.54	13.08
Sun.	10	01.26	13.39
Mon.	11	01.56	14.08
Tues.	12	02.23	14.35
Wed.	13	02.50	15.03
Thu.	14	03.18	15.34
Fri.	15	03.50	16.12
Sat.	16	04.30	17.05
Sun.	17	05.32	18.31
Mon.	18	07.13	20.06
Tues.	19	08.47	21.24
Wed.	20	09.47	22.16
Thu.	21	10.37	23.05
Fri.	22	11.22	23.46
Sat.	23	—	12.06
Sun.	24	00.29	12.48
Mon.	25	01.11	13.29
Tues.	26	01.51	14.09
Wed.	27	02.31	14.49
Thur.	28	03.11	15.32
Fri.	29	03.54	16.21
Sat.	30	04.46	17.27

1. **DO** heed the lifeguard or local advice.
2. **DO** find out where life-saving equipment is stored and read the instructions given.
3. **DO** supervise children when near the sea.
4. **DO** be on guard for currents.
5. **DO** bathe between flags on patrolled beaches.
6. **DON'T** bathe alone or near rocks.
7. **DON'T** bathe out of your depth.
8. **DON'T** bathe when it is rough or when red flag is flying.
9. **DON'T** use air beds, tubes, etc., in the sea.
10. **DON'T** bathe soon after meals or if you feel unwell or cold.

SECTION D

HOUSING

General summary on Housing Act work and the present position:

Houses improved and made fit by Discretionary Grants (from 1955) ...	608
Houses improved and made fit by Standard Grants (from 1960) ...	362
Total number of houses improved and made fit by Grants ...	970
Houses made fit by owners direct	64

1955-1971

(a)	Houses made fit	1,034
(b)	Houses demolished	166
(c)	Houses with existing Closing Orders, Demolition Orders or Undertakings (Formal or informal)	139
	Total number of Houses dealt with ...	1,339

FINAL SUMMARY

Original estimate of unfit dwellings in 1954	2,000
Less total number of houses dealt with	1,339
Number of unfit houses to be dealt with from 1954 estimates ...	661

Continued progress was made in dealing with individual unfit houses and a number of families therefrom took up occupation on the new housing estates at Ruan Minor and Mawgan.

A detailed housing survey was completed in the Parish of Stithians and 51 dwellings are to be dealt with.

IMPROVEMENT GRANTS

Improvement grant applications are dealt with by the Engineer and Surveyor's Department and close co-operation is maintained towards raising the general standard of old sub-standard dwellings.

The total number of houses improved by both Standard and Improvement Grants (excluding conversions) has now reached 970 and represents 17 years good progress.

IMPROVEMENT GRANTS
(Excluding Conversions)

No. of applications received	13
No. of applications approved (following submission of Title Deeds) ...	5
No. of applications in respect of which works were completed in the year	8
Total amount of grants allocated	£5,169

Summary — 1955-1971

	1955-1968	1969	1970	1971	Total
No. of applications received	682	10	29	13	734
No. of applications approved	628	7	24	5	664
No. of applications in respect of which works were completed	590	4	6	8	608

STANDARD GRANTS

No. of applications received	89
No. of applications approved (following submission of Title Deeds) ...	72
No. of applications in respect of which works were completed	48
Total amount of grants paid	£9,508

Summary — 1960-1971

	1960-1968	1969	1970	1971	Total
No. of applications received	445	57	64	89	655
No. of applications approved	388	47	61	72	568
No. of applications in respect of which works were completed	239	37	38	48	362

HOUSING ACT, 1957

	1955-1970	1971	Total
Section 9 (Unfit houses capable of repair at reasonable expense)			
Houses made fit by Owner:			
(i) after informal Notice	19	—	19
(ii) after formal Notice	14	—	14
Houses made fit by Local Authority	1	—	1
	34	—	34

	1955-1970	1971	Total
Section 16 (Unfit houses incapable of repair at reasonable expense)			
(i) Houses made fit direct by owner after submitting list of works for Local Authority's approval	61	3	64
(ii) Houses closed for human habitation following 'Undertaking' given by owner or 'Closing Order'	304	21	325
Section 17(a) HOUSES DEMOLISHED			
(i) by owner	57	8	65
(ii) by Local Authority	51	–	51
Section 18 – PARTS OF HOUSES CLOSED	–	–	–
Section 42 CLEARANCE AREAS (Houses Demolished)			
(a) Houses unfit for human habitation	50	–	50
(b) Houses included by reason of bad arrangements	–	–	–
(c) Houses on land acquired under Section 43(2)	–	–	–
	523	32	555

Section 78 – OVERCROWDING

Cases which necessitated action by the Local Authority Nil

Section 42

Clearance Areas declared Nil

The total number of dwellinghouses in the District is 8,757 made up as follows:

Private	7,786
Council Houses	971

I am indebted to Mr. D.F. Edkins, Housing Officer, for the following information on housing applications and lettings:

Applications for re-housing received during the year	120
No. of applications as at December, 1971	230

No. on waiting list for each Parish:

Breage	20	Landewednack	9	St. Keverne	16
Budock	10	Mabe	13	St. Martin	1
Constantine	18	Manaccan	1	Sithney	2
Crowan	13	Mawgan	13	Stithians	33
Cury	26	Mawnan Smith	8	Wendron	10
Grade Ruan	6	Mullion	21		
Gunwalloe	2	St. Gluvias	8		

No. of Council tenants transferred during 1971 48
No. of families housed during 1971 79

Classification of Families Housed during 1971

A.	No home of own	23
B.	From unfit dwellings	14
C.	Overcrowding	—
D.	Medical reasons	6
E.	Court Orders	2
F.	Council Staff	3
G.	From caravans	11
H.	All other reasons	18
I.	From outside area	—
J.	Key Workers	2
K.	Re-development	—

PROPOSED DEVELOPMENT 1972

To be completed

Cury 22 dwellings

To be commenced

Stithians 74 dwellings

CARAVAN SITES

The Caravan Sites and Control of Development Act, 1960 provided for licenced caravan sites having also Town and Country Planning permission.

In the district there are 26 approved Caravan Sites for eight or more caravans, 6 approved Caravan Sites for 3 to 6 caravans and 2 Chalet Sites.

Site	Caravans			Chalets	
	Total Allowed	All Year	Summer Only	Summer Only	Water Supply
Two Chimneys, Praa Sands	188	30	158	–	Adit
Pengersick, Praa Sands	100	15	85	–	Mains
Boscreege, Ashton	25	1	24	–	Mains
Maen Valley, Budock	254	44	210	18	Mains
Little Cosawes, St. Gluvias	90	70	20	–	Mains
Kennack Sands, Kuggar	55	1	54	–	Mains
No. 1 Site, Bay View, Kennack Sands	23	–	23	–	Mains
No. 2 Site, Bay View, Kennack Sands	60	–	60	–	Mains
Sea Acres, Kennack Sands	23	–	23	–	Mains
Travellers Rest, Kennack Sands	10	–	10	–	Mains
Chycarne Caravan Park, Kuggar	18	–	18	12	Mains
Gwendreath, Near Kennack Sands	30	–	30	–	Mains
Silver Sands, Gwendreath	30	–	30	–	Mains
Travellers Rest, Gwendreath	11	–	11	9	Mains
Little Trevothan, Coverack	30	–	30	–	Mains
Criggan Mill, Mullion Cove	45	10	35	–	Mains
Red Triangle, Penhale X Roads	156	–	156	–	Mains
Tregullas Farm, Penhale X Roads	12	–	12	–	Mains
Franchis, Cury (Touring caravan site only)	8	–	8	–	Deep Well
Bougyhere, Mawgan	13	13	–	–	Mains
Trelil, Wendron	26	26	–	–	Mains
Retanna Caravan Site, Wendron	36	6	30	–	borehole
Joyces Farm, Higher Kenneggy	9	–	9	1	Mains
Parc Drea, Cury	8	8	–	–	Mains
Trelowarren Camping Site, Mawgan	75	–	75	–	Well
Penmarth Farm, Coverack	10	–	10	–	Mains
	1,345	224	1,121	40	

Time period of Licence is now unlimited for all sites (except for the Residential caravans on Two Chimneys Caravan Site).

Present water supplies to the three sites without mains water are sampled periodically and are satisfactory. With regard to Two Chimneys Caravan Site a self-contained water sterilizing plant is in operation.

	TOTAL	All Year	Summer Only
Lantinning Farm, St. Anthony	3	–	3
Caddy's Corner, Carnmenellis	5	–	5
Rosuick Farm, St. Martin	3	–	3
Mill Farm, Mullion Cove	3	–	3
Penpol, Mullion	5	–	5
Chynalls, Coverack	5	–	5
	24	–	24
Other Licenced Sites for 1 or 2 caravans	13	9	4
Licenced Caravans GRAND TOTAL	1,382	233	1,149

There are, therefore, 32 licenced caravan sites, containing from 3 to 200 caravans. The number of chalets (summer only) is 92.

CHALET SITES

	Chalets (Summer Only)	Water Supply	Sanitation
Manderly, Penjerrick, Budock (Self contained timber chalets)	20	Mains	W.C.'s to site sewage system
The Lizard Chalet Co. Ltd., Predannack, The Lizard (Block built terraced chalets)	32	Mains	W.C's to site sewage system

TENT SITES

Public Health Act, 1936 – Section 269

Four tent sites have now received licences from the Local Authority and Town and Country Planning.

Tent Sites Licenced are:

1.	Joyces Farm, Higher Kenneggy	60 tents
2.	Pengersick Farm, Praa Sands	90 tents
3.	Franchis Farm, Cury	25 tents
4.	Trelowarren Camping Site, Mawgan ...	75 tents
	TOTAL ...	250

BUILDING REGULATIONS

677 plans, an increase of 28.7% on the figure for 1970 were dealt with by the Engineer and Surveyor's Department under the Building Regulations 1965 during

the year. Plans are passed to the Public Health Department for examination and comments are made on matters concerning the Department.

LEGAL SEARCHES

During the year a total of 1,007 Searches were examined and dealt with in conjunction with the Clerk's Department. This is an increase of 197 or 24.3% in 1970's total.

SECTION E

FOOD HYGIENE

There are two Slaughterhouses in the District, one owned by F.M.C. Ltd. at Penvose, Treluswell, St. Gluvias, this accounts for the majority of slaughtering. The other Slaughterhouse is a small privately owned one on the outskirts of St. Keverne village serving one butcher. There are 11 slaughtermen licenced by this Council.

MEAT INSPECTION

Estimated weight of meat condemned: 2 tons 1 cwt. 50 lbs.

	Cattle excluding Cows	Cows	Calves	Sheep & Lambs
Number killed	259	528	4,871	3,462
All diseases except T.B. Whole carcases condemned	—	2	—	3
Carcases of which some part or organ was condemned	24	190	36	170
Percentage of the number inspected affected with disease other than T.B.	9	36	.7	5
Number of carcases affected with tuberculosis during the year			—	Nil

The carcases referred to above were condemned for the following reasons and destroyed.

1 Cow Carcase and Offal — severe bruising, oedema, fever and ill-bleeding
1 Cow Carcase and Offal — oedema and emaciation
1 Sheep Carcase and Offal — septicaemia and oedema
1 Sheep Carcase and Offal — abscesses, fever and ill-bleeding
1 Lamb Carcase and Offal — emaciation, fever and ill-bleeding

CYSTICERCUS BOVIS — Nil

Summary of Cases of Cysticercus Bovis for the Years 1954-1971

	1954-1966	1967	1968	1969	1970	1971	Total
Steers	79	—	—	—	—	—	79
Heifers	17	—	—	—	—	—	17
Bulls	1	—	—	—	—	—	1
Cows	21	3	1	—	—	—	25
	118	3	1	—	—	—	122

Meat Inspection

Annual Kill – 1960-1971

	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971
Cattle (excl. cows)	1416	1560	1523	1484	1280	1240	860	389	300	178	176	259
Cows	443	268	467	647	627	520	1429	1558	786	1189	1028	528
Calves	312	349	262	208	150	227	483	69	415	5079	4673	4871
Sheep & Lambs	5860	4543	4894	4589	5011	5062	3741	6281	7950	6281	2746	3462
Pigs	2433	784	33	1	6	20	9	Nil	Nil	Nil	1	Nil

Food and Drugs Act, 1960

Ice-Cream

Due to this district being a summer holiday area there is during the period April - October an increase in sales of food, drink, snacks, meals and ice-cream. This is reflected by the number of premises selling ice-cream, as below:

Total number of premises that have been registered	187
Number of the above premises included for the manufacture of ice-cream	1

Food Hygiene

Premises

There are some 240 food premises within the Rural District to which Food Hygiene (General) Regulations 1960 applied. The number of each type of premises is as follows:

Cafes and snack bars	58
Butchers Shops	7
Fish and Chip Shops	4
Bakehouses	3
Hotels	25
Public Houses and Inns	25
Grocery and General Stores	118
TOTAL	240

Food Condemnation

The articles in column 1 were found, upon examination, to be unfit for the reasons outlined in column 2.

	Reasons for Condemnation
1 x 6 lb. tin of "Veribest" Corned Beef	Blown
1 x 8 lb. tin of "Tudor Queen" Cooked ham produce of Holland	Putrefaction

SECTION F

GENERAL EPIDEMIOLOGY

Compared with last year cases of notifiable diseases dropped from 190 to 36. This major drop is due to an absence of a measles epidemic this year. Streptococcal infection was still present in the community. Chicken Pox was the disease affecting most schoolchildren. It was prevalent during the first half of the year and in the month of November.

Viral Infection

At the end of the year viral infection was prevalent.

Winter Vomiting

In November an outbreak of Winter Vomiting occurred in a school involving 23 pupils.

Influenza

The General Practitioners noted an increase in cases of Influenza in November and December, but no new strain had been reported. The numbers did not justify any wider use of vaccine than for the groups of population at special risk. 5 cases of deaths from Influenza occurred in elderly persons in the last quarter of the year.

Brucellosis

During the year 63 bulk samples and 11 individual samples of milk were taken from retail producers in the District.

One case of Human Brucellosis occurred in a farmer. Another adult was notified as having the disease.

Under the Ministry of Agriculture, Fisheries and Food Accreddited Herd Scheme, 22 herds in the Rural District have been admitted into the Scheme by the end of 1971.

Anthrax

Under the Anthrax Order (1950) 14 notices declaring and defining infected places were received. No case was confirmed.

Cholera

In July, the World Health Organisation declared the Province of Zaragosa, Spain a locally infected area. The organism responsible was Vibrio Cholerae Serotype OGAWA and travellers visiting that area had to be vaccinated. 7 persons returning to the Rural District from the infected area were placed under surveillance for 5 days.

Smallpox

Two persons were placed under surveillance having returned from locally infected areas. One of these developed a rash, but laboratory tests proved that the illness was not due to Smallpox.

In July, the Ministry Joint Committee of Vaccinations and Immunisations advised that vaccination against Smallpox need no longer be recommended as a routine procedure in early childhood.

Ringworm

Four cases occurred associated with infected domestic animals.

Food Poisoning

One case was investigated, but no cause could be found for the illness. 46 cases with a predominant symptom of diarrhoea were investigated, but were found not to have a bacterial cause.

Salmonella

Four persons in one family had an illness due to an unidentified Salmonella organism.

Salmonella Panama

On 13th August, 1971 the Acting Medical Officer of Health was notified by the Consultant Geriatrician at Barncoose Hospital, Redruth that an elderly long-stay patient had developed Salmonella Food Poisoning, shortly after a day visit to relatives in the Rural District. During the next week 12 bacteriologically confirmed cases of Salmonella Panama were detected. A follow-up of the patients, nursing, domestic and catering staff in the hospital showed no cases of this disease, but one person was noted to be a carrier of Salmonella Typhimurium and 2 others were symptomless carriers of Salmonella Panama. Follow-up in the Village identified two symptomless carriers and 4 persons still excreting the organism after severe attacks of diarrhoea. The ramifications of possible lines of infection included the following food handlers in the village – milk and meat roundsmen, shopkeepers, school meals staff and slaughtermen. A total of 8 families were involved. The average time taken for patients to cease excreting the organism without treatment was 44 days. The original case became a persistent carrier for a period of 5 months.

The source of the food poisoning could not be definitely proved, but most suspicion fell on pork.

Rubella

No cases were notified during the year. Protective work was carried out in the Secondary Schools as follows:

	Helston Grammar	Gwealhellis County Sec.	Helston County Sec.	Total
Estimated No. in Age Group	44	65	22	131
Consents: Total no.	40	58	17	115
% consents of total	91%	89%	77%	88%
Consented to be vaccinated at school	35	51	12	98
Vaccinated at school	30	42	10	82
%	86%	82%	83%	84%
To be vaccinated by G.P.	5	7	5	17
Number absent or deferred	5	9	2	16

Tetanus — Secondary Schools, Helston.

	Helston Grammar	Gwealhellis County Sec.	Helston County Sec.
No. in Age Group	74	168	61
Consents	67	64	58
% of total	91%	38%	95%
Consented to be vaccinated at school	47	55	48
Vaccinated at school	44	49	42
%	94%	89%	88%
To be vaccinated by G.P.	20	9	10
Absent or deferred	3	6	6

Tuberculosis

The case incidence of pulmonary tuberculosis was 7, this is 0.3 per 1,000 of the population. 19 contacts of these new notifications were investigated, giving a contact rate of 3 persons per notified case.

The table below shows the type of contact investigated:

Pre-School	School	Adolescent	Adults	Others
1	3	2	11	2

There were no new cases of non-pulmonary tuberculosis.

Tuberculosis Register

		Males	Females	Total
No. of cases on T.B. Register at commencement of year	Respiratory	40	24	64
	Non-respiratory	8	13	21
No. of cases on T.B. Register at the end of the year	Respiratory	43	24	67
	Non-respiratory	8	13	21
Removals from Register during Year and Reasons:				
Removed from district	Respiratory	—	—	—
	Non-respiratory	—	—	—
Recovered	Respiratory	—	2	2
	Non-respiratory	—	—	—
Died	Respiratory	4	—	4
	Non-respiratory	—	—	—

Contact Tracing and Protection

During 1971, 21 persons were given B.C.G. by the Chest Physician being contacts of persons suffering from tuberculosis.

9 with positive sputums were reported.

School Children Protection

B.C.G. vaccination of school children in Helston Schools.

		Helston Sec. Mod.	Gwealhellis Sec. Mod.	Helston Grammar	Total
Estimated number in age group		89	194	92	375
Consents:	Number	82	189	90	361
	Percentage	92%	97%	98%	96%
Given Skin Test	Number	71	161	86	318
Positive Reactors	Number	11	34	9	54
	Percentage	15%	21%	10%	17%
Given B.C.G.		52	112	68	232
Number absent at time of reading		3	8	4	15

Notification from Schools

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Measles	–	2	–	1	–	–	–	–	–	–	–	–	3
Chicken Pox	2	21	22	6	2	4	–	–	–	–	20	–	77
Impetigo	–	1	1	–	–	–	–	–	–	–	–	–	2
Winter Vomiting	–	–	–	–	–	–	–	–	–	–	23	–	23
Ringworm	1	–	–	–	–	–	–	–	–	–	3	1	5
Ear Infection	–	1	–	–	–	–	–	–	–	–	–	–	1

Notification of Infectious Diseases during 1971

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	TOTAL
Pulmonary T.B.	–	–	–	1	–	–	1	1	2	2	–	–	7
Measles	–	1	–	6	2	–	3	2	1	1	–	–	16
Scarlet Fever	1	–	–	2	–	–	–	–	–	–	–	–	3
Whooping Cough	–	–	–	3	–	–	–	–	–	–	–	–	3
Salmonella Infection	–	–	–	–	–	–	–	6	1	–	–	–	7
Gastro-Enteritis	–	–	–	1	–	–	–	–	–	–	–	–	1

Notification of Diseases by Age Groups

	Under 1	1-3	4-5	6-9	10-14	15-24	25 & over	age unknown	Total 1971	Total 1970	Increase or Decrease
Pulmonary Tuberculosis	1	–	–	–	–	2	4	–	7	3	+ 4
Salmonella Infection	–	–	–	–	–	–	7	–	7	1	+ 6
Measles	–	6	4	5	1	–	–	–	16	175	– 159
Scarlet Fever	–	–	3	–	–	–	–	–	3	2	+ 1
Whooping cough	–	–	–	1	–	–	1	–	2	2	– –
Gastro-Enteritis	–	–	–	1	–	–	–	–	1	–	+ 1

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